

**STATE OF TENNESSEE
DEPARTMENT OF ENVIRONMENT AND CONSERVATION
DIVISION OF WATER POLLUTION CONTROL**

**PUBLIC NOTICE OF AVAILABILITY OF PROPOSED
TOTAL MAXIMUM DAILY LOADS (TMDLs) FOR pH
IN
THE STRAIGHT FORK CREEK SUBWATERSHED
SOUTH FORK CUMBERLAND RIVER WATERSHED (HUC 05130104), TENNESSEE**

Announcement is hereby given of the availability of Tennessee's proposed Total Maximum Daily Loads (TMDLs) for pH in the Straight Fork Creek subwatershed, located in middle and eastern Tennessee. Section 303(d) of the Clean Water Act requires states to develop TMDLs for waters on their impaired waters list. TMDLs must determine the allowable pollutant load that the water can assimilate, allocate that load among the various point and nonpoint sources, include a margin of safety, and address seasonality.

Straight Fork Creek is listed on Tennessee's Final 2006 303(d) list as not supporting designated use classifications due, in part, to low pH associated with abandoned mines. The TMDL utilizes Tennessee's general water quality criteria, net alkalinity (as CaCO₃) as a surrogate for pH, USGS continuous record station flow data, in-stream water quality monitoring data, a calibrated dynamic water quality model, load duration curves, and an appropriate Margin of Safety (MOS) to establish loadings of net alkalinity (as CaCO₃) which will result in the attainment of water quality standards for pH.

INFORMATION: [TMDL Document](#) (requires Adobe Reader)

Technical questions regarding this TMDL should be directed to the following members of the Division of Water Pollution Control staff:

Vicki S. Steed, P.E., Watershed Management Section
Telephone: 615-532-0707

Sherry H. Wang, Ph.D., Watershed Management Section
Telephone: 615-532-0656

Persons wishing to comment on the proposed TMDL are invited to submit their comments in writing no later than November 12, 2007 to:

Division of Water Pollution Control
Watershed Management Section
7th Floor, L & C Annex
401 Church Street
Nashville, TN 37243-1534

All comments received prior to that date will be considered when revising the TMDL for final submittal to the U.S. Environmental Protection Agency.

The TMDL and supporting information are on file at the Division of Water Pollution Control, 6th Floor, L & C Annex, 401 Church Street, Nashville, Tennessee. They may be inspected during normal office hours. Copies of the information on file are available on request.